

SEQUENCE LISTING

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<120> PRO-APOPTOTIC FRAGMENTS OF THE DENGUE VIRUS ENVELOPE GLYCOPROTEINS

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<140> 09/881,710

<141> 2001-06-18

<150> 60/212,129

<151> 2000-06-16

<160> 30

<170> PatentIn version 3.1

<210> 1

<211> 76

<212> PRT

<213> Dengue virus

<400> 1

Met Asn Arg Arg Lys Arg Ser Val Thr Met Leu Leu Met Leu Leu Pro
1 5 10 15

Thr Ala Leu Ala Arg Glu Pro Pro Val Ala Thr Met Leu Ala Met Glu
20 25 30

Glu Leu Tyr Ser Ser Val Ala Leu Ala Pro His Val Gly Leu Gly Leu
35 40 45

Glu Thr Arg Thr Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys Gln
50 55 60

Ile Gln Lys Val Glu Thr Trp Ala Leu Arg His Pro
65 70 75

<210> 2

<211> 20

<212> PRT

<213> Dengue virus

<400> 2

Met Asn Arg Arg Lys Arg Ser Val Thr Met Leu Leu Met Leu Leu Pro
1 5 10 15

Thr Val Leu Ala
20

<210> 3

<211> 30

<212> PRT

<213> Dengue virus

<400> 3

Pro His Val Gly Met Gly Leu Glu Thr Arg Thr Glu Thr Trp Met Ser
1 5 10 15

Ser Glu Gly Ala Trp Lys His Val Gln Arg Ile Glu Thr Trp
20 25 30

<210> 4

<211> 91

<212> DNA

<213> Dengue virus

<400> 4
gctagcgcta ccggactcag atctcgagct caagcttcga attctgcagt cgacggta 60
gcggggcccg 91
gatccaccgg tcgccaccat g

<210> 5

<211> 91

<212> DNA

<213> Dengue virus

<400> 5
gctagcaatg aacaggagga aaagatccgt gaccatgctc ctcatgctgc tgcccac 60
cctggggcccg 91
gatccaccgg tcgccaccat g

<210> 6

<211> 42

<212> DNA

<213> Dengue virus

<400> 6
ctcggcatgg acgagctgta caagtaaagc ggccgcactc ta 42

<210> 7
<211> 73
<212> DNA
<213> Dengue virus

<400> 7
ctcggcatgg acgagctgta cagttccgtg gctctggccg ctttgagaca cccatgattc 60
gcggccgcga ctc 73

<210> 8
<211> 42
<212> DNA
<213> Dengue virus

<400> 8
ctcggcatgg acgagctgta caagtaaagc ggccgcactc ta 42

<210> 9
<211> 8
<212> PRT
<213> Dengue virus

<400> 9
Leu Ala Met Glu Glu Leu Tyr Asn
1 5

<210> 10
<211> 20
<212> PRT

<213> Dengue virus

<400> 10

Met Asn Arg Arg Lys Arg Ser Val Thr Met Leu Leu Met Leu Leu Pro
1 5 10 15

Thr Val Leu Ala
20

<210> 11

<211> 30

<212> PRT

<213> Dengue virus

<400> 11

Pro His Val Gly Met Gly Leu Glu Thr Arg Thr Glu Thr Trp Met Ser
1 5 10 15

Ser Glu Gly Ala Trp Lys His Val Gln Arg Ile Glu Thr Trp
20 25 30

<210> 12

<211> 39

<212> PRT

<213> Dengue virus

<400> 12

Ser Val Ala Leu Ala Pro His Val Gly Leu Gly Leu Glu Thr Arg Thr
1 5 10 15

Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys Gln Ile Gln Lys Val
20 25 30

Glu Thr Trp Ala Leu Arg His
35

<210> 13

<211> 39

<212> PRT

<213> Mus musculus

<400> 13

Ser Pro Ala Leu Ala Asp Lys Ala Gly Val Ser Glu Gln Pro Thr Ala
1 5 10 15

Thr Trp Ser Ser Val Lys Ser Ser Ala Leu Arg Gln Ile Pro Arg Cys
20 25 30

Pro Thr Val Cys Leu Gln Asn
35

<210> 14

<211> 20

<212> PRT

<213> Homo sapiens

<400> 14

Leu Arg Glu Arg Leu Leu Gly Trp Ile Gln Asp Gln Gly Gly Trp Asp
1 5 10 15

Gly Leu Leu Ser
20

<210> 15

<211> 20

<212> PRT

<213> Dengue virus ...

<400> 15

Leu Glu Thr Arg Thr Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys
1 5 10 15

His Ala Gln Arg
20

<210> 16

<211> 20

<212> PRT

<213> Dengue virus

<400> 16

Leu Asp Thr Arg Thr Gln Thr Trp Met Ser Ala Glu Gly Ala Trp Arg
1 5 10 15

Gln Val Glu Lys
20

<210> 17

<211> 20

<212> PRT

<213> Dengue virus

<400> 17

Leu Glu Thr Arg Ala Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys
1 5 10 15

His Ala Gln Arg
20

<210> 18

<211> 20

<212> PRT

<213> Kunjin virus

<400> 18

Leu Ser Asn Lys Lys Gly Ala Trp Met Asp Ser Thr Lys Ala Thr Arg
1 5 10 15

Tyr Leu Val Lys
20

<210> 19

<211> 20

<212> PRT

<213> Japanese encephalitis virus

<400> 19

Leu Val Asn Lys Lys Glu Ala Trp Leu Asp Ser Thr Lys Ala Thr Arg
1 5 10 15

Tyr Leu Met Lys
20

<210> 20

<211> 20

<212> PRT

<213> Murray Valley encephalitis virus

<400> 20

Leu Val Asn Lys Lys Asp Ala Trp Leu Asp Ser Thr Lys Ala Thr Arg
1 5 10 15

Tyr Leu Thr Lys
20

<210> 21

<211> 20

<212> PRT

<213> West Nile virus

<400> 21

Leu Ala Asn Lys Lys Gly Ala Trp Met Asp Ser Thr Lys Ala Thr Arg
1 5 10 15

Tyr Leu Val Lys
20

<210> 22

<211> 20

<212> PRT

<213> St. Louis encephalitis virus

<400> 22

Leu Ala Thr Lys Asn Thr Pro Trp Leu Asp Thr Val Lys Thr Thr Lys
1 5 10 15

Tyr Leu Thr Lys
20

<210> 23

<211> 20

<212> PRT

<213> Vesicular stomatitis virus

<400> 23

Leu Lys Thr Arg Gln Glu Lys Trp Met Thr Gly Arg Met Gly Glu Arg
1 5 10 15

Gln Leu Gln Lys
20

<210> 24

<211> 20

<212> PRT

<213> Tick-borne encephalitis virus

<400> 24

Leu Thr Gly Arg Gly His Lys Trp Leu Glu Gly Asp Ser Leu Arg Thr
1 5 10 15

His Leu Thr Arg
20

<210> 25

<211> 20

<212> PRT

<213> Flavivirus langat

<400> 25

Leu Thr Gly Arg Gly His Gln Trp Leu Glu Gly Glu Ala Val Lys Ala
1 5 10 15

His Leu Thr Arg
20

<210> 26

<211> 20

<212> PRT

<213> Powassan virus

<400> 26

Met Val Gly Thr Gly His Ala Trp Leu Lys Gly Asp Asn Ile Arg Asp
1 5 10 15

His Val Thr Arg
20

<210> 27

<211> 41

<212> PRT

<213> West Nile virus

<400> 27

Arg Ser Leu Thr Val Gln Thr His Gly Glu Ser Thr Leu Ala Asn Lys
1 5 10 15

Lys Gly Ala Trp Met Asp Ser Thr Lys Ala Thr Arg Tyr Leu Val Lys
20 25 30

Thr Glu Ser Trp Ile Leu Arg Asn Pro
35 40

<210> 28

<211> 40

<212> PRT

<213> Dengue virus

<400> 28

Ser Val Ala Leu Ala Pro His Val Gly Leu Gly Leu Glu Thr Arg Thr
1 5 10 15

Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys Gln Ile Gln Lys Val
20 25 30

Glu Thr Trp Ala Leu Arg His Pro
35 40

<210> 29

<211> 40

<212> PRT

<213> Dengue virus

<400> 29

Ser Val Ala Leu Val Pro His Val Gly Met Gly Leu Glu Thr Arg Thr
1 5 10 15

Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys His Ala Gln Arg Ile
20 25 30

Glu Thr Trp Ala Leu Arg His Pro
35 40

<210> 30

<211> 39

<212> PRT

<213> Dengue virus

<400> 30

Ser Val Ala Leu Ala Pro His Val His Leu His Leu Glu Thr Arg Thr
1 5 10 15

Glu Thr Trp Met Ser Ser Glu Gly Ala Trp Lys Gln Ile Gln Lys Val
20 25 30

Glu Thr Trp Ala Leu Arg His
35